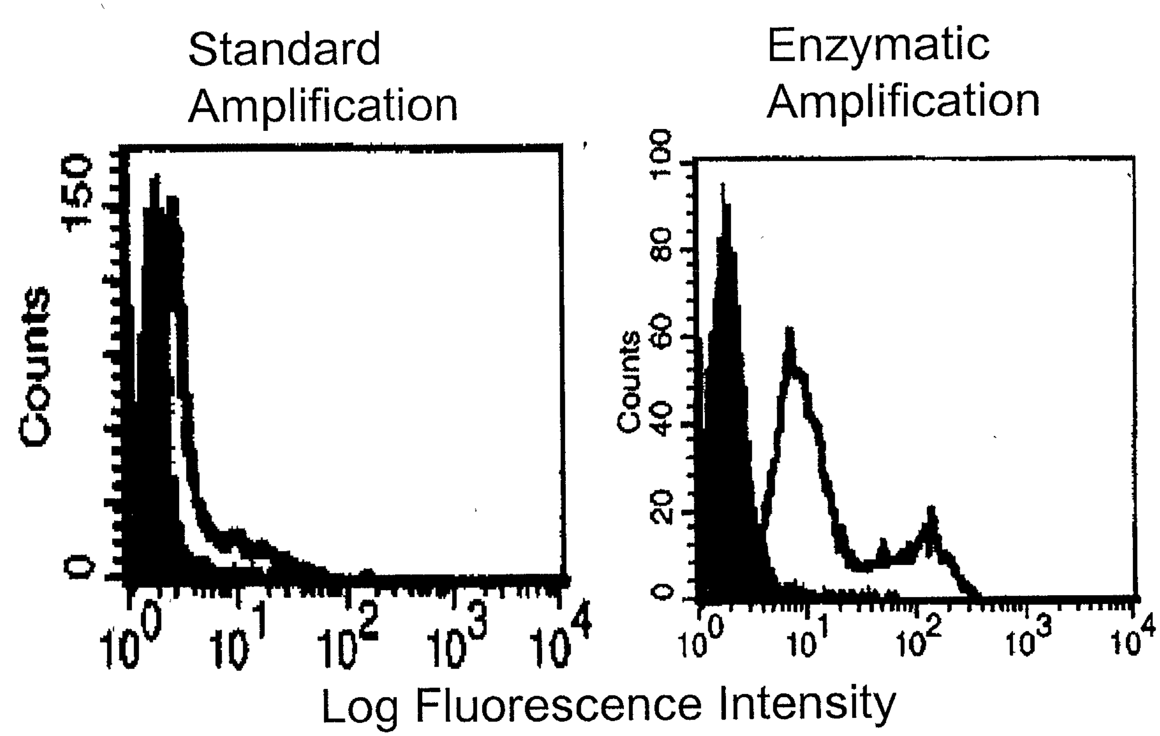
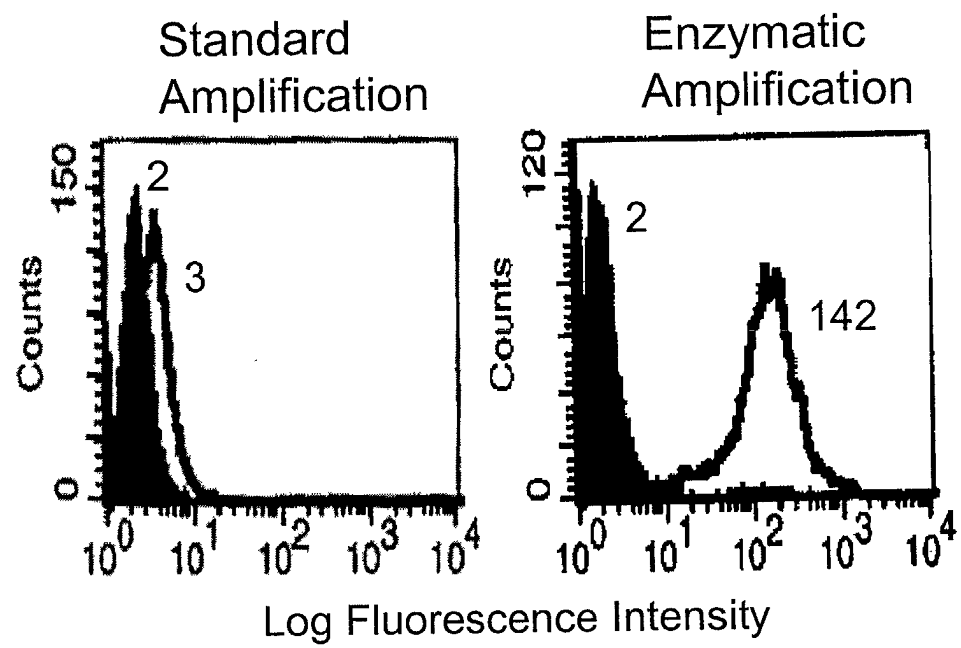
Human Peripheral Blood Mononuclear Cells Stimulated with phorbol myristic acetate and ionomycin for 4 hours without a metabolic inhibitor and stained for intracellular expression of the cytokine, interleukin 2



Filled histograms represent cells stained with control Ig, and open histograms represent cells stained with monoclonal anti-human interleukin 2 antibodies.

Figure 1

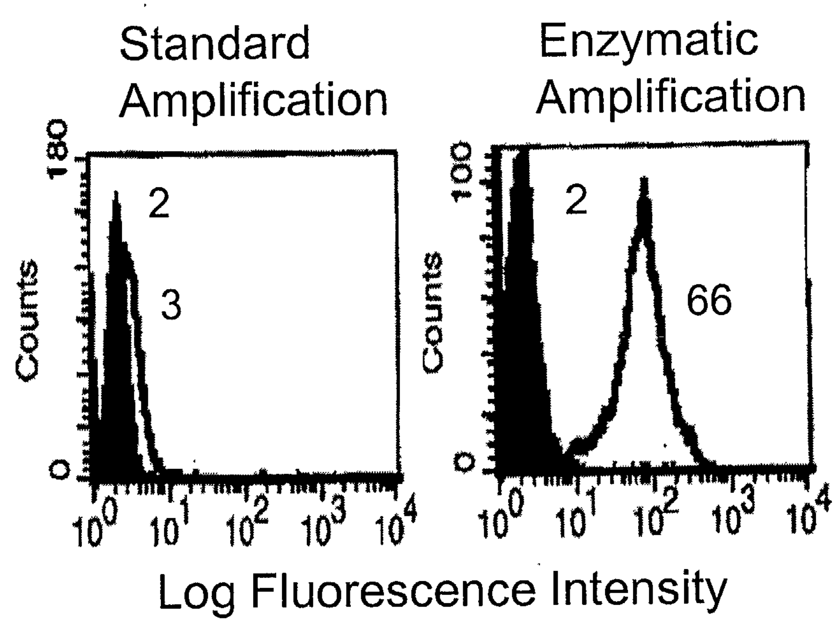
CEM Cells Stained for bcl-2 Expression



140-fold enhancement of enzymatic amplification staining over standard amplification staining in signal separation between specific and control Ig; mean channel numbers for each histogram are shown; filled histograms represent cells stained with control Ig, and open histograms represent cell stained with anti-bcl-2

Figure 2

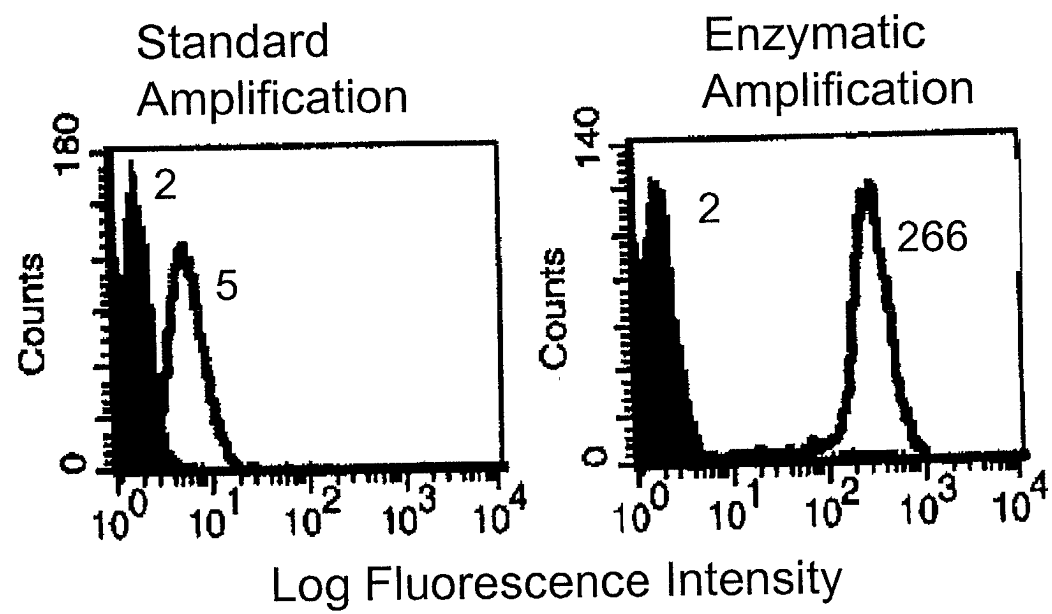
K562 Cells Stained for bcl-2 Expression



64-fold enhancement of enzymatic amplification staining over standard amplification staining in signal separation between specific and control Ig; mean channel numbers for each histogram are shown; filled histograms represent cells stained with control Ig, and open histograms represent cells stained with anti-bcl-2.

Figure 3

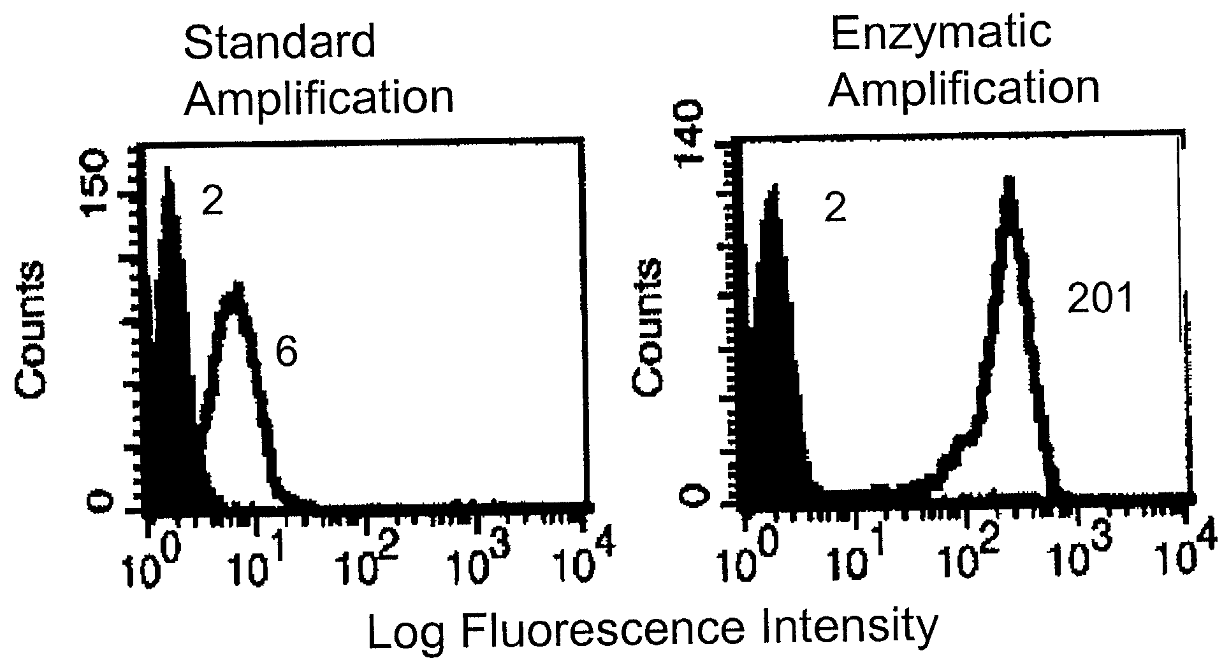
Hut-102 Cells Stained for bcl-2 Expression



88-fold enhancement of enzymatic amplification staining over standard amplification staining in signal separation between specific and control Ig; mean channel numbers for each histograms are shown; filled histograms represent cells stained with control Ig, and open histograms represent cells stained with anti-bcl-2

Figure 4

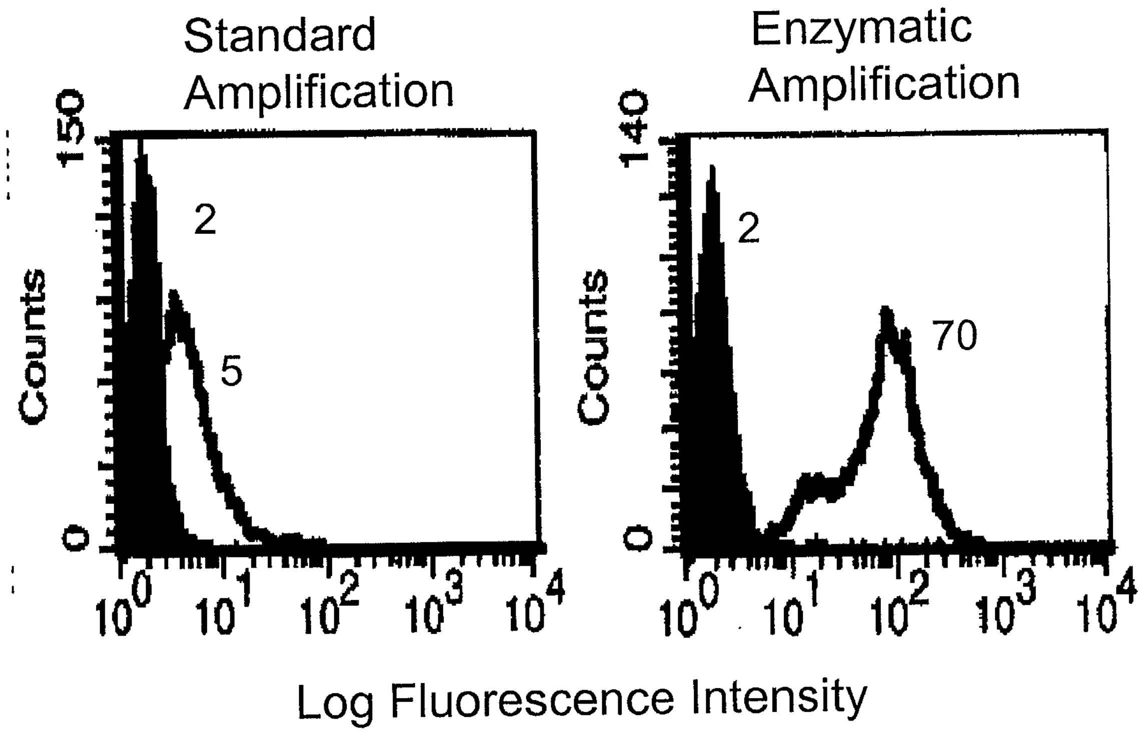
JY(LCL) Cells Stained for bcl-2 Expression



50-fold enhancement of enzymatic amplification staining over standard amplification staining in signal separation between specific and control Ig; mean channel numbers for each histogram are shown; filled histograms represent cells stained with control Ig, and open histograms represent cell stained with anti-bcl-2

Figure 5

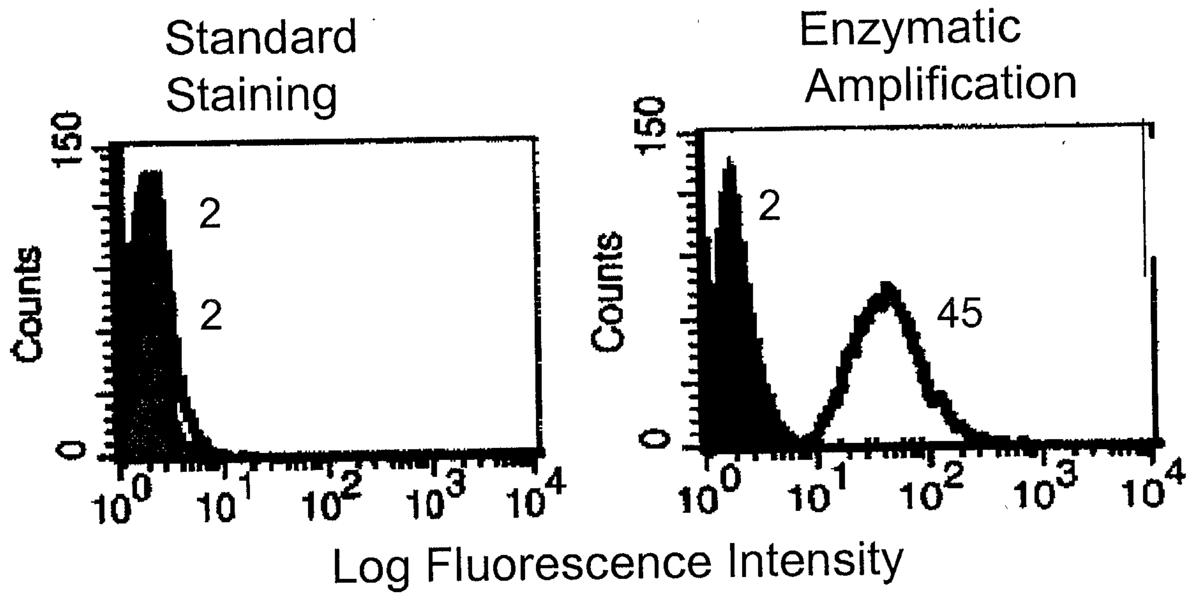
JY(LCL) Cells Stained for EBV LMP-1



23-fold enhancement of enzymatic amplification staining over standard amplification staining in signal separation between specific and control Ig; mean channel numbers for each histogram are shown; filled histograms represent cells stained with control Ig, and open histograms represent cells stained with anti-bcl-2

Figure 6

CEM Cells Stained for bcl-2 with FITC-conjugated antibodies



Standard staining (directly labeled antibodies) show no specific staining whereas enzymatic amplification show definitive staining; primary antibodies were FITC labeled, and an anti-FITC conjugated to HRP was used as the secondary antibody for enzymatic amplification; mean channel numbers are shown; filled histograms represent cells stained with control Ig, and open histograms represent cells stained with anti-bcl-2

Figure 7